

## ENGINEERING MANAGER

<b>RESOURCE CATEGORY</b>	Public Works
<b>RESOURCE KIND</b>	Personnel
<b>OVERALL FUNCTION</b>	The Engineering Manager directs, coordinates and manages the response and recovery efforts of engineering, facilities and public works services.
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Public Works Support Team or Damage Assessment Team - Public Works).</li> <li>2. Discuss logistics for deploying this position, such as working conditions, length of deployment, security, lodging, transportation and meals, prior to deployment.</li> </ol>

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
<b>DESCRIPTION</b>	<p>The Engineering Manager:</p> <ol style="list-style-type: none"> <li>1. Directs, coordinates, supervises and manages the response and recovery efforts of engineering, facilities and public works services</li> <li>2. Manages a branch, division, group, strike team or task force, based on mission-specific activities and needs</li> </ol>	Not Specified
<b>EDUCATION</b>	Bachelor's degree in civil, mechanical or structural engineering or an equivalent public works-related field	Not Specified
<b>TRAINING</b>	<p>Completion of the following:</p> <ol style="list-style-type: none"> <li>1. IS-100: Introduction to the Incident Command System, ICS-100</li> <li>2. IS-200: Basic Incident Command System for Initial Response, ICS-200</li> <li>3. ICS-300: Intermediate Incident Command System for Expanding Incidents</li> <li>4. IS-700: National Incident Management System, An Introduction</li> <li>5. IS-800: National Response Framework, An Introduction</li> </ol>	Not Specified
<b>EXPERIENCE</b>	Eight years of engineering experience, with at least five years in a management-level position	Not Specified
<b>PHYSICAL/MEDICAL FITNESS</b>	<ol style="list-style-type: none"> <li>1. Moderate</li> <li>2. Is able to work while wearing appropriate Personal Protective Equipment (PPE)</li> </ol>	<ol style="list-style-type: none"> <li>1. The NIMS Guideline for the National Qualification System (NQS) defines physical/medical fitness levels for NIMS positions.</li> <li>2. PPE is mission specific and may vary by work environment; it includes hard hats, safety-toe boots, reflective vests, eye and ear protection, respirators, gloves and masks.</li> </ol>
<b>CURRENCY</b>	Currently works in this position in a municipal, county, state, tribal or territorial public works department	Not Specified
<b>PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS</b>	Professional Engineer (PE)	Not Specified



Position Qualification for Infrastructure Systems  
Public Works

## NOTES

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1. Nationally typed resources represent the minimum criteria for the associated component and capability.

## REFERENCES

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1. FEMA, NIMS 508: Damage Assessment Team – Public Works
2. FEMA, NIMS 508: Public Works Support Team
3. FEMA, National Incident Management System (NIMS), October 2017
4. FEMA, NIMS Guideline for the National Qualification System (NQS), November 2017
5. FEMA, National Response Framework, October 2019